

CURRENT TECHNOLOGY PROJECT SUMMARY 2011-2012

The Technology Department works with the other departments on a project basis. Listed below are the current projects that are being addressed by the Technology Department along with a status indicator.

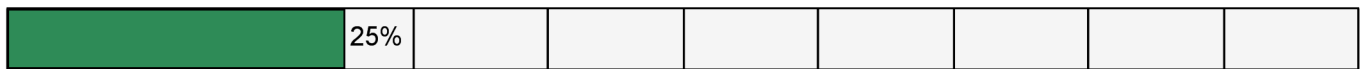
800 PTP MICROWAVE LINK:

Add Point to Point Microwave link to put a more reliable connectivity to our transmit receive site N NC 16 Hwy. This would remove a T-1 telephone line that is not but 95% reliable and expensive to operate. We have received the go ahead from City Manager of Conover. Equipment is in and the rescheduling of the tower crew is being set up.

Target Production Date 4/2/2012

25% Complete

On Schedule



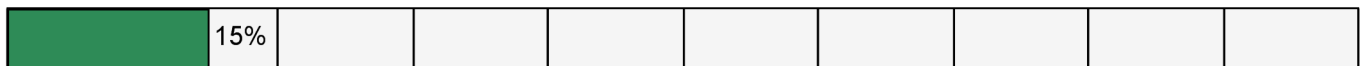
911 BACK UP PLAN:

As we move forward with Next Generation Technology we are looking at ways to put a back up plan in place for our 911 Center. We are currently talking with Hickory and Cabarrus County on this process. By 2013 we will have to provide the 911 Board with a plan in the event we go down.

Target Production Date 10/1/2012

15% Complete

On Schedule



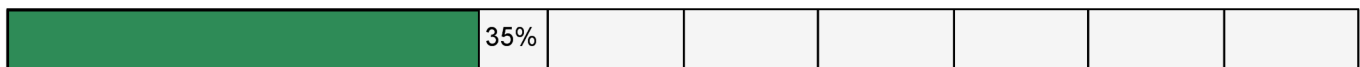
Budget Office - xCelsius Project:

The Budget Department has contracted with a consultant to create a Dashboard/Graphic/ Business Intelligence tool used for budget analysis. They have requested an update to the xCelsius project for FY 10/11. We will also create a process for monthly updates moving forward.

Target Production Date 5/1/2012

35% Complete

On Schedule



Business Dataset:

In an effort to create a more complete dataset of businesses in the area, we obtained a business dataset purchased by the Western Piedmont Council of Governments, a membership list from the Chamber of Commerce, and the fire inspection list from the Fire Marshall's office; compared, and then combined the information. The result is a much more accurate set of data than any of these agencies previously had access to. We believe there will be many uses of this data. One of the uses will simply be to make people aware of the services provided in Catawba County, and hopefully, encourage them to use these resources instead of seeking services elsewhere. We're working with the municipalities, and the Future Economists Group who each believe they will have multiple uses of this information. A website has been set up to search the data, but we haven't made this well known at this point. It will be a huge undertaking to keep the data current.

Target Production Date 8/1/2011

95% Complete

On Schedule

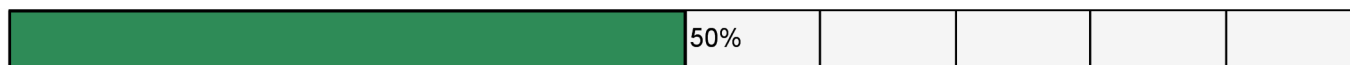
**CAD 3.6/GIS UPGRADE:**

Commissioners approved budget transfer of 47,000.00 from the 911 fund to fund this project. Cad upgrade is complete waiting on GeoCom to set a date and time for mapping upgrade

Target Production Date 3/1/2012

50% Complete

On Schedule

**Energov - Phase II:**

Evergov, the County's multi-department permitting/land management system, is being expanded to include Zoning Permit functions and Electronic Plan Review for eight municipalities in the County.

Target Production Date 4/27/2012

20% Complete

On Schedule



Energov Upgrade to Version 9:

Update to browser based version of Energov system and MobileGov upgrade- The decision was made by Catawba County IT project manager to delay the project due to software not performing to production standard. Since this is only an upgrade, current operations are not affected. Vendor actively working on resolving issues.

Target Production Date 4/9/2012

95% Complete

Not On Schedule



EnerGov Web Version--GIS Integration:

Coordination of the interface between GIS and the EnerGov application as it transitions to a web based app. This includes linking to data that wasn't available in the desktop version of EnerGov.

The integration between GIS and EnerGov will allow expansion of GIS without additional GIS licensing fees.

In addition, data has been acquired, and search capabilities have been enabled for areas in both Burke and Caldwell counties where Catawba County personnel are contracted to perform inspections.

Target Production Date 3/12/2012

95% Complete

On Schedule



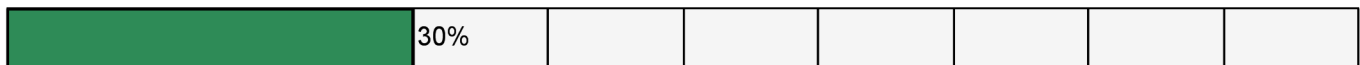
Georeferencing Plats:

This project request originated from the GIS Consortium (a partnership between Catawba County and the municipalities). Georeferencing plats will provide a way of tracking parcel activity. The first step--geo-referencing new plats as the Tax Mapping Staff processes them--began in October after the SAN upgrade. Once the dataset contains enough information to provide benefit, it's expected that an interface will be developed to search and access the information.

Target Production Date 11/30/2012

30% Complete

On Schedule



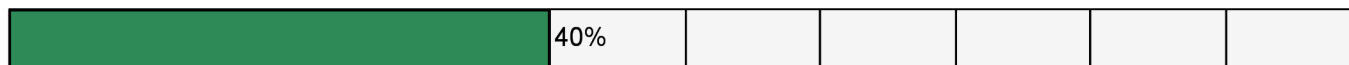
GIS Software Upgrade - ArcGIS Version 10:

Our software vendor, ESRI, released a major upgrade in June 2010. The entire look and feel of the product has changed; and it affects several of our applications, including our most heavily relied upon applications--in-house Public Access and the Real Estate Website. The current Real Estate Website will not run on Version 10 so a new site is being developed in conjunction with this upgrade. In addition, we will be coordinating this upgrade with the municipalities since they are connected to our network. Implementation is expected to be a slow progression over the next several months.

Target Production Date 6/29/2012

40% Complete

On Schedule



Govolution-Online Donation Page:

Create a donation page for DSS to allow citizens to mail or make online monetary donations for various need funds.

Target Production Date 8/12/2011

100% Complete

On Schedule



Govolution-Online Library Payments:

Coordinate with library software and online payment vendor to set up a way to allow citizens to see what library fees and fines are due and to make online payment towards their library accounts.

Target Production Date 10/1/2011

100% Complete

On Schedule

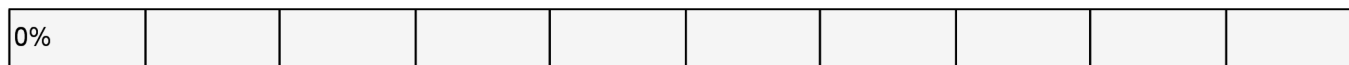


Help Desk Phone :

Target Production Date

0% Complete

On Schedule



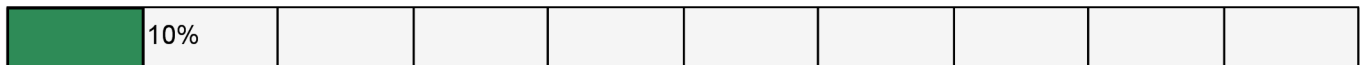
Joint City Limit, ETJ, and Zoning Layers w/municipalities:

Creation of unified city limit, ETJ, and zoning layers, edited by all jurisdictions, in an effort to decrease duplication of work among jurisdictions. Currently each jurisdiction maintains their own layers and emails county staff with changes. This effort is then duplicated in the County's version of those layers. Not only is this duplication of effort, it reduces the level of accuracy with multiple copies being maintained, or the possibility that the change doesn't get forwarded at all. The public relies on the County's Real Estate website for accurate information. This is a way to ensure we are all using the most up-to-date, accurate layer.

Target Production Date 11/30/2012

10% Complete

On Schedule

**Laserfiche - Public Health Admin Division:**

Public Health Admin would like to move to more electronic document management practices. Many state guidelines and updates could be stored rather than printed and bound in a notebook. This will facilitate document sharing, reduce printing and save filing space.

Target Production Date 1/27/2012

100% Complete

On Schedule

**Laserfiche - Records Division of Sheriff's Department:**

Records Division will use Laserfiche to publish Incident reports via the Internet to provide self-service access to the media and citizens. This will be expanded to include Arrest Reports and other documents for the public. The system will also be used for internal document management for the unredacted versions of the same documents.

Target Production Date 2/24/2012

60% Complete

On Schedule



Laserfiche to PeopleSoft Integration:

Make related electronic documents available in PeopleSoft from various screens using Laserfiche as the document repository. (AP Checks, Invoices, GL Entries, Receipts, etc...)

Target Production Date 5/14/2012

30% Complete

On Schedule

**My Catawba County Mobile Application:**

Mobile App for County sites of interest with mapping functions for Libraries, EMS bases, Parks and others.

Target Production Date

100% Complete

On Schedule

**NARROW BANDING 12.5:**

Narrowbanding or refarming VHF radio equipment from 25 mhz to 12.5 Mhz to make room for more public safety freq.

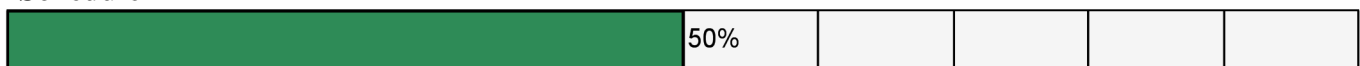
License has to be completed along with radio equipment.

All license have been narrowbanded. Have worked with local agencies letting them know we will be narrowbanding April 17 still on schedule. Final stages have be set, some agencies/users have already started rebanding their radio's we are still set to go April 17th..

Target Production Date 4/18/2012

50% Complete

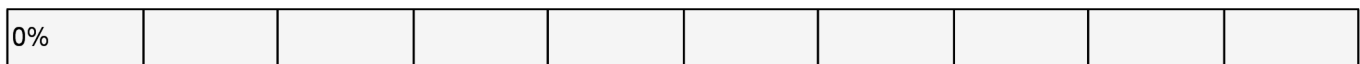
On Schedule

**OP - Public Safety GeoComm Mapping Upgrade:**

Target Production Date

0% Complete

Not On Schedule



OP - Public Safety VisionAir CAD Upgrade:

Upgrade to Version 3.6

Target Production Date 1/13/2012

100% Complete

Not On Schedule



OP - Public Safety VisionAir FBR Upgrade:

Upgrade to version 4.3

Target Production Date 2/10/2012

100% Complete

On Schedule



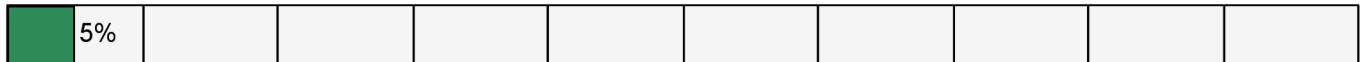
OP - Public Safety VisionAir GIS Install:

VisionGIS installation - validates address in 911 center

Target Production Date 3/30/2012

5% Complete

On Schedule



OP - Public Safety VisionAir Inform Upgrade :

Upgrade the Vision Inform Product

Allows users to access CAD, RMS, Jail info remotely

Target Production Date 2/10/2012

100% Complete

On Schedule



OP - Public Safety Visionair Mobile Upgrade:

Target Production Date 1/13/2012

100% Complete

Not On Schedule



OP - Public Safety VisionAir RMS/Jail Upgrade:

Upgrade RMS/Jail to version 4.3

Target Production Date 2/10/2012

100% Complete

On Schedule

**OP Cisco Phone system upgrade:**

Upgrade hardware and software for Cisco CallManager and Unity Voicemail.

Target Production Date 4/30/2012

5% Complete

On Schedule

**OP Cities backups avamar:**

Provide backup capabilities and DR on Avamar/SAN for other local governments.

Target Production Date 9/1/2011

100% Complete

On Schedule

**OP Claremont VOIP installation:**

install 13 new phones and new switches for city of claremont. reconfigure Network to share Internet access.

Target Production Date 10/1/2011

100% Complete

On Schedule



OP Conover Library Move:

relocate the conover branch library to a new locaton 1st of september.

Grand opening today the 20th. on schedule and budget

Target Production Date 9/9/2011

100% Complete

On Schedule

**OP fiber to SF, SS, SW libraries:**

new fiber connections to the 3 remote branch libraries SF SS SW.

Target Production Date 2/20/2012

75% Complete

On Schedule

**OP MS Active Dir upgrade:**

Upgrade of AD from 2003 to 2008 r2

Target Production Date 10/31/2011

100% Complete

On Schedule

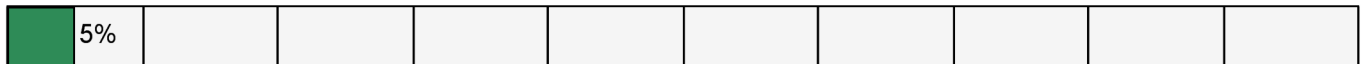
**OP MS Exchange Upgrade:**

Upgrade Exchange from 2003 to 2010

Target Production Date 12/30/2012

5% Complete

On Schedule



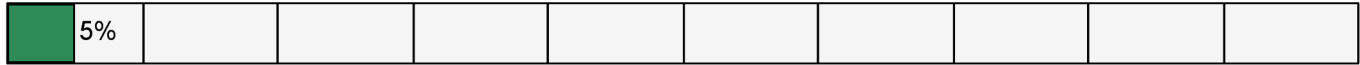
OP MS Sharepoint upgade:

upgrade Sharepoint 2003 to the latest version

Target Production Date 12/28/2012

5% Complete

On Schedule

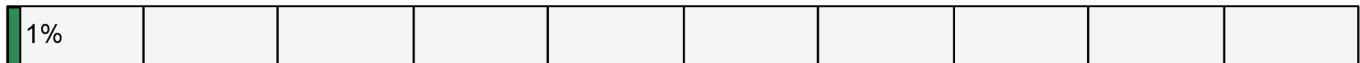
**OP New Public Safety building:**

new budilding for 911, EMS, and courtrooms

Target Production Date 12/1/2014

1% Complete

On Schedule

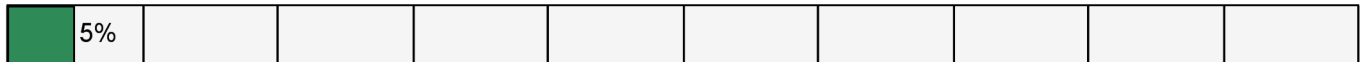
**OP Print Management solution:**

install a print management solution to reduce printing costs and support.

Target Production Date

5% Complete

On Schedule

**OP VMware Upgrade:**

upgrade vmware to 5.0

Target Production Date 11/18/2011

100% Complete

On Schedule

**PeopleSoft - Online Employee Evaluations:**

Develop system in PeopleSoft HRMS system for automation of Employee Evaluations.

Target Production Date 7/1/2012

70% Complete

On Schedule



PeopleSoft Financials 9.1 Upgrade:

Upgrade PeopleSoft Financials from version 8.8 to version 9.1.

Target Production Date 11/21/2011

100% Complete

On Schedule

**PeopleSoft HRMS 9.1 Upgrade:**

Upgrade PeopleSoft HRMS from version 8.9 to version 9.1.

Target Production Date 10/17/2011

100% Complete

On Schedule

**Project Central:**

Create an application in SharePoint to allow status reporting for all divisions of Technology from a shared source.

Target Production Date 1/1/2011

100% Complete

On Schedule

**Public Health - Contract Management/Routing:**

Develop process to automate contract routing using SharePoint and Laserfiche.

Target Production Date 1/20/2012

100% Complete

On Schedule

**Public Health - Dental System:**

Public Health is moving to digital xrays and dental software with the dental office expansion.

Target Production Date 5/1/2012

70% Complete

On Schedule



Public Health - Digital Signage:

Public Health grant to educate the public about H1N1 using digital signage at locations at Public Health, DSS and the Library.

Target Production Date 6/1/2011

100% Complete

On Schedule

**Public Health - Insight-CMHC Replacement :**

Replace the current CMHC billing and clinical management systems with a new product- Insight.

Target Production Date 9/12/2011

100% Complete

On Schedule

**Public Health Inventory Control:**

Implement an inventory system that tracks SNS inventory that could possibly be used for an epidemic situation such as H1N1 flu.

Target Production Date 3/9/2012

98% Complete

On Schedule

**Real Estate Website Redesign:**

To take advantage of enhancements in technology, the Real Estate website had to be re-designed. Feedback indicates the current site is well liked and we know it is heavily used--averaging 80,250 hits per day in FY 10/11. The new site must be as comprehensive as our existing site. Design and development of a new site continues to be a major project. This site is being developed using open source applications, which will avoid licensing costs as we continue developing this and other similar applications.

Target Production Date 5/1/2012

85% Complete

On Schedule



Tax - NCPTS Billing and Collections upgrade to Version 4:

Upgrade NCTPS BnC system from Oracle version to the SQL version of the software.

Target Production Date 1/17/2012

100% Complete

On Schedule

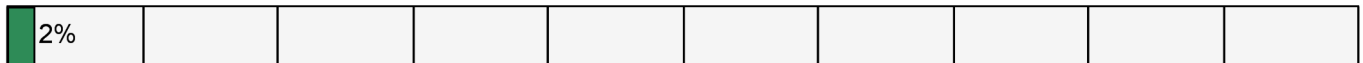
**Tax - New LR/Cama System:**

Replacement of NCPTS Land Records and UNIVERS CAMA systems fpr Tax Department.

Target Production Date 4/8/2013

2% Complete

On Schedule

**Tax Appraisers - Mobile Project:**

We are equipping the Tax Appraisers with laptop computers to assist with data lookups, manuals, guidelines, maps and other tools as identified.

Target Production Date 12/30/2011

100% Complete

On Schedule

**Tax Department - Process Review/Improvement:**

Evaluating process of Property Record Changes from inception at Register of Deeds Office to having property ready to bill. This is for transfers, splits, inheritance records or anything that changes on property.

Target Production Date 7/1/2012

40% Complete

On Schedule



Telecom Inventory:

Support EDC and Catawba County's contract with ECC Technologies to develop a telecom inventory. Creation of layers will be performed from hard copy mapping performed by ECC during field work. Maps will then be created for the final report.

Target Production Date 6/1/2012

80% Complete

On Schedule

**Video Production:**

Video work for Various Departments including bi-weekly previews of Board of Commissioner meetings.

Target Production Date

80% Complete

On Schedule

**Web - Datasets and Reports:**

Create a transparent government site that includes datasets and the ability for the public to create their own reports.

Target Production Date 9/30/2011

100% Complete

On Schedule

**Web Team - Moving all to new design:**

The web team meets regularly to discuss new and upcoming services offered through the County's web site. Currently, the team is comprised of members from the Public Information Office and Technology departments. We are moving all web pages to the design that went to production.

Target Production Date 11/1/2011

100% Complete

On Schedule

